

10/509854

MAIL BOX PCT

Attorney Docket No. 26360U

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KARVINEN, ET AL.

DT09 Rec'd PCT/PTO 30 SEP 2004

International Application No. PCT/FI2003/00251

Serial No. NOT YET ASSIGNED

International Filing Date: 01 April 2003 (01.04.2003)

Filed: September 30, 2004

For: **A PHOTOCATALYST CONTAINING TITANIUM OXIDE, THE PRODUCTION METHOD AND USE OF THE SAME**

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith for filing in the U.S. Patent and Trademark Office is the following:

- 1) Transmittal Letter
- 2) Transmittal Letter To U.S. Designated/Elected Office (DO/EO/US) Concerning Filing under 35 U.S.C. 371
- 3) International Publication No: WO 03/082743 A1 with Search Report, International Publication Date: 09 October 2003 (09.10.2003) which consists of 17 pages including:
  - 1 Cover sheet containing the Abstract
  - 14 pages of Textual Specification
  - 2 pages of 15 Claims
- 4) PCT/IPEA/409 International Preliminary Report on Patent Patentability with Annexes of Claims to be Examined;
- 5) Preliminary Amendment to the IPER with Attachment A to be Examined;
- 6) Executed Inventor's Declaration;
- 7) Executed Assignment and Recordation Cover Sheet;
- 8) Information Disclosure Statement;
- 9) PTO Form 1449 with Thirteen (13) References;
- 10) PCT/IB/304 Notification Concerning Transmittal of Priority Document;
- 11) PCT/IB/308 Communication of the International Application to the Designated Offices
- 12) PCT/IPEA/401 Demand
- 13) PCT Request
- 14) Check No. 21824 \$ 920.00 for Government Filing Fee
- 15) Check No. 21827 \$ 40.00 for Assignment Recordation Fee
- 16) Postcard for early notification of serial number

Respectfully submitted,  
NATH & ASSOCIATES

By:



Date: September 30, 2004  
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ATTORNEY'S DOCKET NO: 26360U

U.S. DEPARTMENT OF COMMERCE, PATENT AND TRADEMARK OFFICE		DATE: 30 September 2004 (30.09.2004)
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known) Not for assignment <b>10/309854</b>
INTERNATIONAL APPLICATION NO.: PCT/FI2003/00251	INTERNATIONAL FILING DATE: 01 April 2003 (01.04.2003)	PRIORITY DATE CLAIMED: 02 April 2002 (02.04.2002)
TITLE OF INVENTION: A PHOTOCATALYST CONTAINING TITANIUM OXIDE, THE PRODUCTION METHOD AND USE OF THE SAME		
APPLICANT(S) FOR DO/EO/US: KARVINEN, Salla Marjatta and LAMMINMÄKI, Ralf-Johan		
Applicant hereby submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 USC 371(f)) The submission must include items(5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)):</p> <p style="margin-left: 40px;">a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> has been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input type="checkbox"/> A English translation of the International Application as filed (35 U.S.C. 371(c)(2)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))</p> <p style="margin-left: 40px;">a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).</p> <p style="margin-left: 40px;">b. <input type="checkbox"/> have been communicated by the International Bureau.</p> <p style="margin-left: 40px;">c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</p> <p style="margin-left: 40px;">d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p> <p><b>ITEMS 11 to 20 BELOW CONCERN OTHER DOCUMENT(S) OR INFORMATION INCLUDED:</b></p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter2 and 35 USC 1821 - 1825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 USC 154(d)(4)</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 USC 154(d)(4)</p> <p>20. <input checked="" type="checkbox"/> Other items or information:</p> <p>TRANSMITTAL FORM; FEE CALCULATION; INTERNATIONAL PUBLICATION WO 03/082743 A1 WITH SEARCH REPORT; INTERNATIONAL PUBLICATION DATE 09 OCTOBER 2003 (09.10.2003); CONSISTING OF 17 PAGES INCLUDING; 1 COVER SHEET CONTAINING THE ABSTRACT; 14 PAGES TEXTUAL SPECIFICATION, 2 PAGES OF 15 CLAIMS; PCT/IPEA/409 WITH ANNEXES OF CLAIMS TO BE EXAMINED; PRELIMINARY AMENDMENT TO THE IPER WITH ATTACHMENT A TO BE EXAMINED; EXECUTED INVENTOR'S DECLARATION; EXECUTED ASSIGNMENT AND RECORDATION COVER SHEET; INFORMATION DISCLOSURE STATEMENT; PTO FORM 1449 WITH THIRTEEN (13) REFERENCES; PCT/IB/304; PCT/IB/308; PCT/IPEA/401; PCT REQUEST; POSTCARD FOR EARLY NOTIFICATION OF SERIAL NUMBER.</p>		

DT09 Rec'd PCT/PTO 30 SEP 2004

ATTORNEY'S DOCKET NO: 26360U

U.S. APPLICATION NO. (known) not yet assigned <b>10/309854</b>	INTERNATIONAL APPLICATION NO.  PCT/FI2003/00251	DATE: 30 September 2004 (30.09.2004)	
17. <input checked="" type="checkbox"/> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5): Search Report has been prepared by the EPO or JPO:.....\$920.00  International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$730.00  No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$770.00  Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1,080.00  International preliminary examination fee (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....\$ 100.00  ENTER APPROPRIATE BASIC FEE AMOUNT =		<u>CALCULATIONS</u>  \$920.00         \$ 920.00	<u>PTO USE ONLY</u>
Surcharge of \$130.00 for furnishing the oath or declaration later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
CLAIMS	NO. FILED	NO. EXTRA	RATE
TOTAL	15 -20=	0	X \$ 18.00
INDEPENDENT	1- 3=	0	X \$ 86.00
Multiple dependent claims(s) (if applicable)			+ \$290.00
TOTAL OF ABOVE CALCULATIONS =			\$ 920.00
Reduction by 1/2 for asserting small entity, if applicable. (Note 37 CFR 1.9, 1.27, 1.28).			\$ 0.00
SUBTOTAL =			\$ 920.00
Processing fee of \$130.00 for furnishing the English translation later than ____ 20 ____ 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$ 0.00
TOTAL NATIONAL FEE =			\$ 920.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$ 40.00
TOTAL FEES ENCLOSED =			\$ 960.00
		Amount to be:	
		refunded	\$
		charged	\$

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ATTORNEY'S DOCKET NO: 26360U

U.S. APPLICATION NO. (if known) not yet assigned	INTERNATIONAL APPLICATION NO.  PCT/FI2003/00251	DATE: 30 September 2004 (30.09.2004)
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a. ☒ Two checks in the amounts of \$920.00 and \$40.00 to cover the above fees are enclosed.

b. ☐ Please charge my Deposit Account No. 14-0112 in the amount of \$\_\_\_\_\_ to cover the above fees. (A duplicate copy of this sheet is enclosed.)

c. ☒ The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 14-0112.


d. Fees are to be charged to a credit card \_\_\_\_ WARNING: Information on this form may become public \_\_\_\_ Credit Card Information should not be included on this form. \_\_\_\_ Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed to request that the application be restored to pending status.

Send All Correspondence To:

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